

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
 Data File : PD065114.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Aug 2021 17:06  
 Operator : AR\AJ  
 Sample : M3435-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SWCS-17-0306

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 00:34:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 20 02:25:41 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.496  | 4.013  | 11722838 | 88926625 | 11.405  | 11.227   |
| 2)                          | SA Decachlor... | 8.240  | 9.084  | 9794753  | 30434539 | 8.645   | 6.431 #  |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.693  | 0        | 8410678  | N.D.    | 0.794 #  |
| 4)                          | MA Heptachlor   | 4.524  | 5.221f | 1122803  | 12765967 | 0.862   | 1.273 #  |
| 7)                          | B delta-BHC     | 4.685  | 5.109f | 964172   | 17599425 | 0.729   | 1.812 #  |
| 8)                          | B Heptachlo...  | 5.225f | 5.883  | 484323   | 67206974 | 0.426   | 9.008 #  |
| 9)                          | A Endosulfan I  | 5.564f | 6.230f | 1615210  | 23969589 | 1.514   | 3.404 #  |
| 10)                         | B gamma-Chl...  | 5.449f | 6.140  | 8418951  | 55378124 | 7.446   | 7.243    |
| 11)                         | B alpha-Chl...  | 5.477  | 6.198  | 7917314  | 35742167 | 7.071   | 4.801 #  |
| 12)                         | B 4,4'-DDE      | 5.653  | 6.357  | -507625  | 76627520 | N.D.    | 10.671   |
| 13)                         | MA Dieldrin     | 5.779  | 6.495  | 18045685 | 45931921 | 16.080  | 6.330 #  |
| 14)                         | MA Endrin       | 6.037  | 6.717  | 5559944  | 47232526 | 5.298   | 7.674 #  |
| 15)                         | B Endosulfa...  | 6.302f | 6.917f | 6734557  | 22451449 | 6.735   | 3.829 #  |
| 16)                         | A 4,4'-DDD      | 6.168  | 6.851  | 6190826  | 113.3E6  | 6.546   | 19.266 # |
| 17)                         | MA 4,4'-DDT     | 6.405  | 7.148  | 26285884 | 33827691 | 26.431  | 5.641 #  |
| 18)                         | B Endrin al...  | 6.496  | 7.059  | 7617512  | 12731121 | 9.205   | 2.729 #  |
| 19)                         | B Endosulfa...  | 6.692  | 0.000  | 13472521 | 0        | 12.687  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.935f | 7.591f | 27244423 | 5059567  | 46.222  | 1.672 #  |
| 21)                         | B Endrin ke...  | 7.211f | 0.000  | 19162157 | 0        | 15.031  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 8.228f | 0        | 18247685 | N.D.    | 4.098 #  |
| 23)                         | Chlordane-1     | 4.366  | 5.005  | 1520825  | 7647279  | 40.157  | 24.691 # |
| 24)                         | Chlordane-2     | 4.867  | 5.480  | 1523168  | -4803117 | 34.899  | N.D. #   |
| 25)                         | Chlordane-3     | 5.449f | 6.140  | 8418951  | 55378124 | 76.279  | 53.565 # |
| 26)                         | Chlordane-4     | 5.477  | 6.198  | 7917314  | 35742167 | 86.242  | 29.728 # |
| 27)                         | Chlordane-5     | 6.302f | 7.027f | 6734557  | -7199730 | 149.694 | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

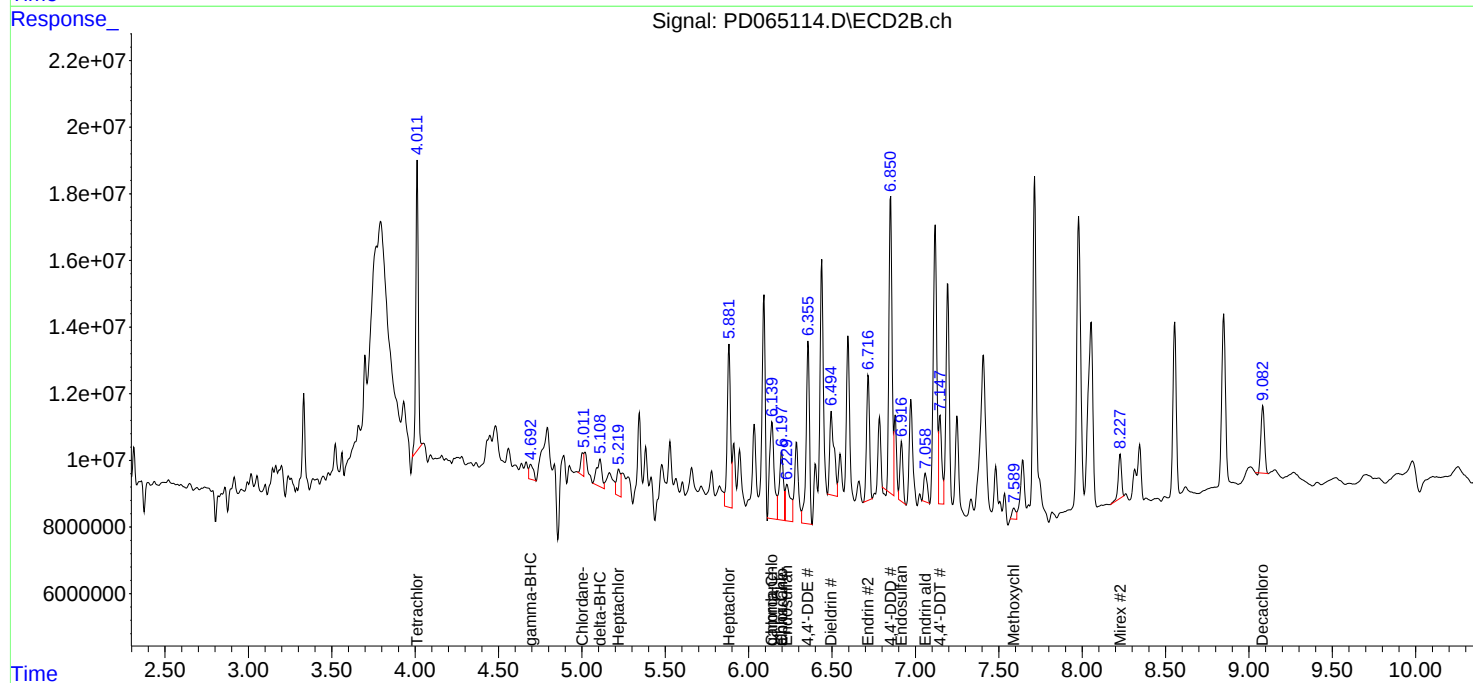
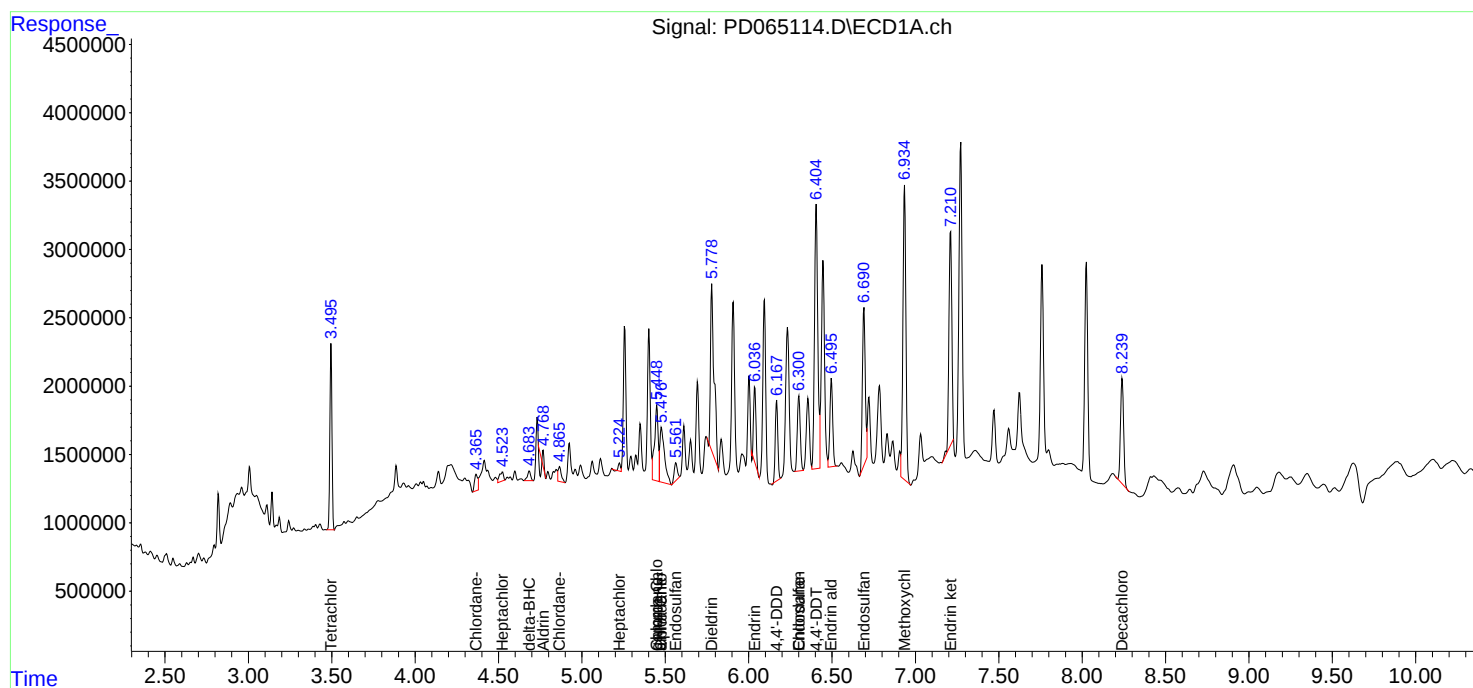
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

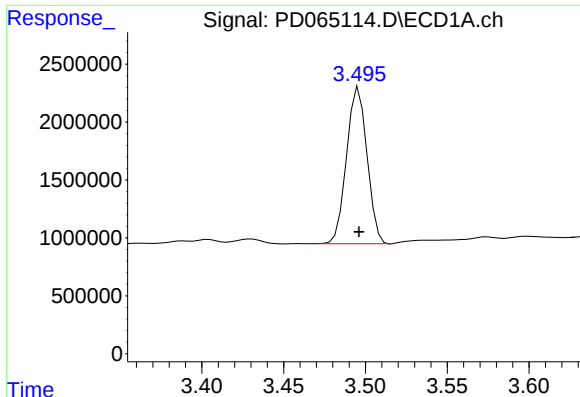
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
Data File : PD065114.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Aug 2021 17:06  
Operator : AR\AJ  
Sample : M3435-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 00:34:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 20 02:25:41 2021  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

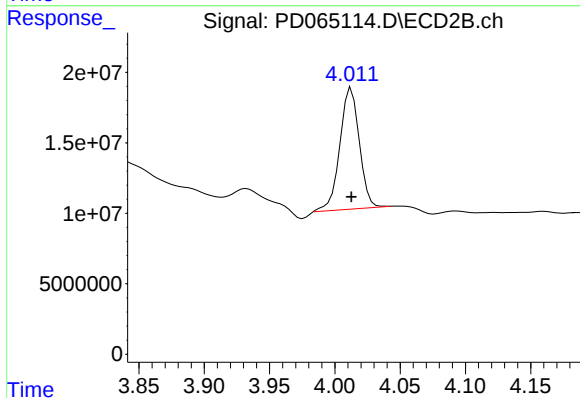




#1 Tetrachloro-m-xylene

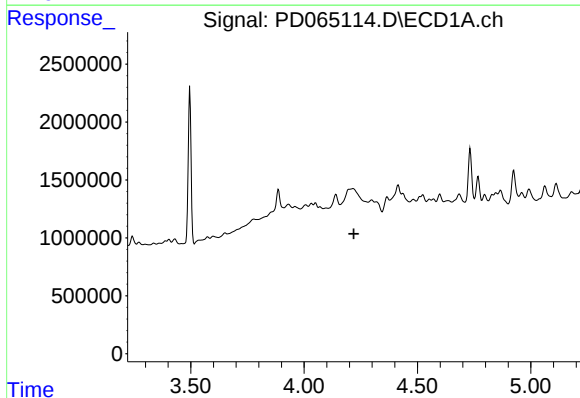
R.T.: 3.496 min  
Delta R.T.: 0.000 min  
Response: 11722838  
Conc: 11.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



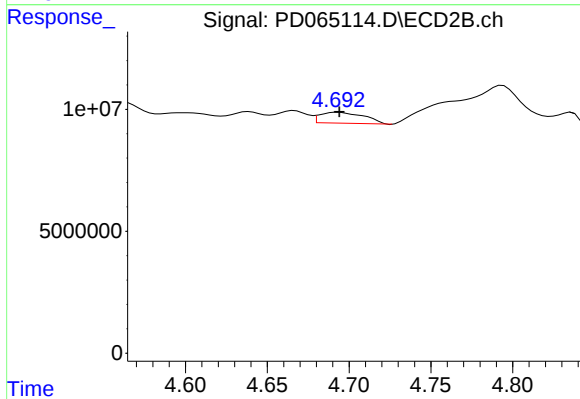
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 88926625  
Conc: 11.23 ng/ml



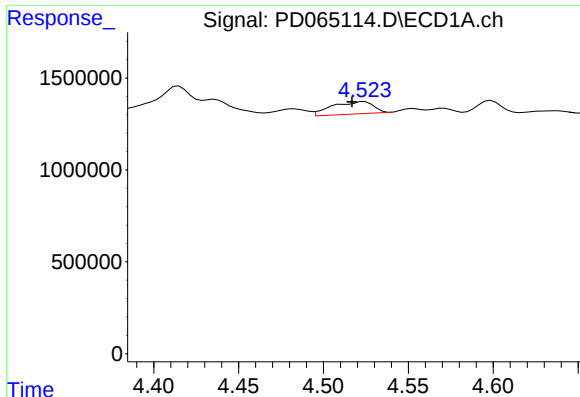
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.219 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

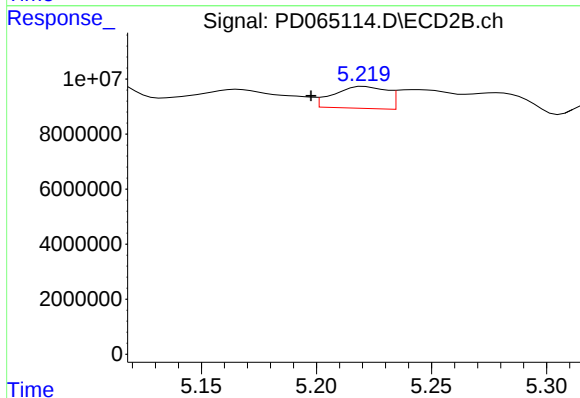
R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 8410678  
Conc: 0.79 ng/ml



#4 Heptachlor

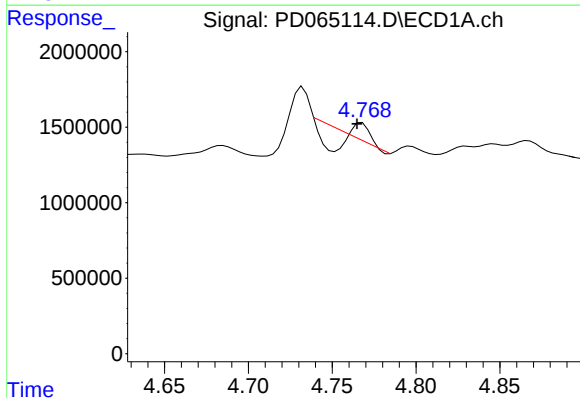
R.T.: 4.524 min  
Delta R.T.: 0.007 min  
Response: 1122803  
Conc: 0.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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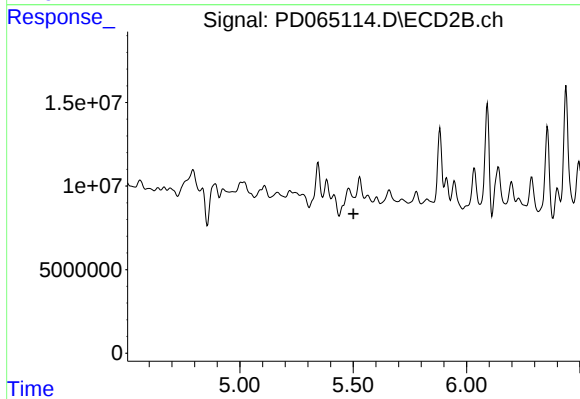
#4 Heptachlor

R.T.: 5.221 min  
Delta R.T.: 0.023 min  
Response: 12765967  
Conc: 1.27 ng/ml



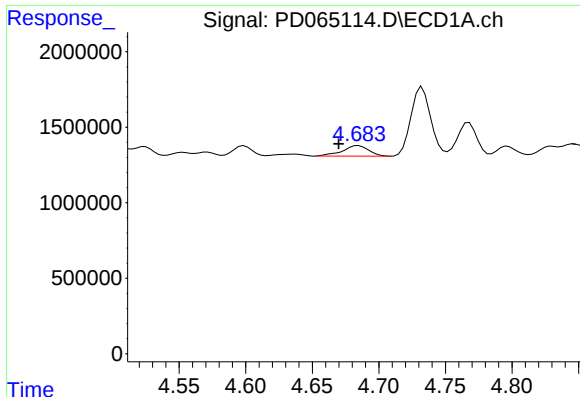
#5 Aldrin

R.T.: 4.768 min  
Delta R.T.: 0.003 min  
Response: 80609  
Conc: 0.07 ng/ml



#5 Aldrin

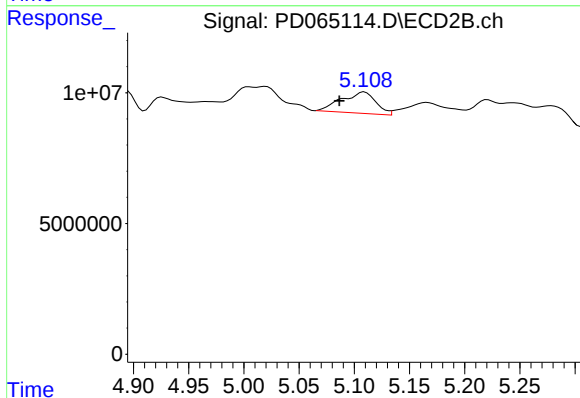
R.T.: 5.480 min  
Delta R.T.: -0.022 min  
Response: -4803117  
Conc: N.D.



#7 delta-BHC

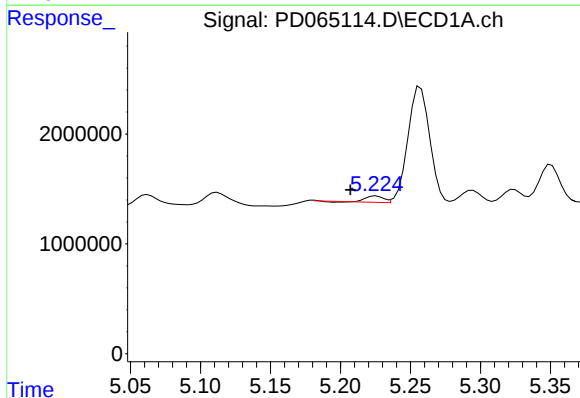
R.T.: 4.685 min  
Delta R.T.: 0.015 min  
Response: 964172  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



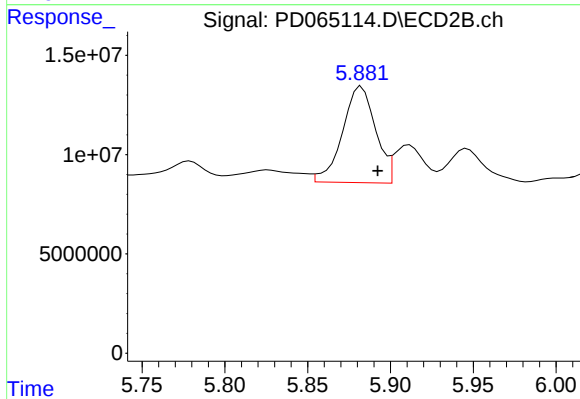
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.023 min  
Response: 17599425  
Conc: 1.81 ng/ml



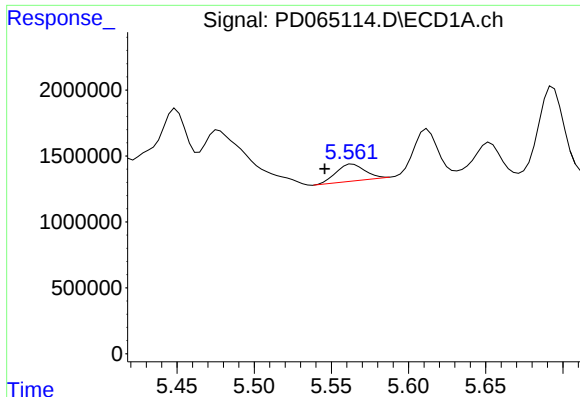
#8 Heptachlor epoxide

R.T.: 5.225 min  
Delta R.T.: 0.018 min  
Response: 484323  
Conc: 0.43 ng/ml



#8 Heptachlor epoxide

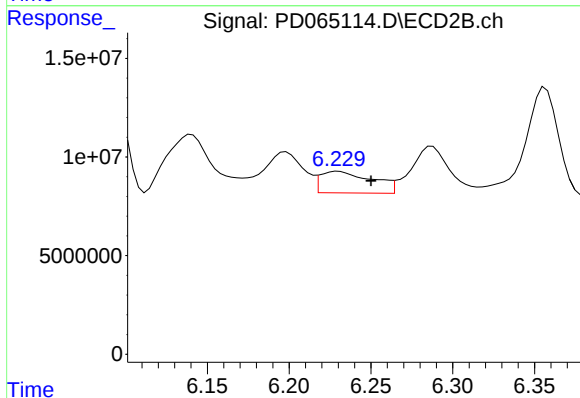
R.T.: 5.883 min  
Delta R.T.: -0.010 min  
Response: 67206974  
Conc: 9.01 ng/ml



#9 Endosulfan I

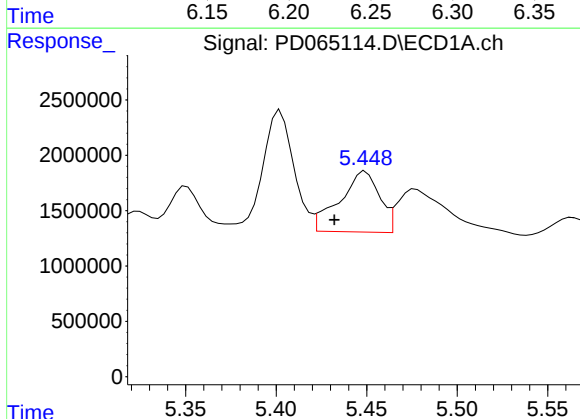
R.T.: 5.564 min  
Delta R.T.: 0.018 min  
Response: 1615210  
Conc: 1.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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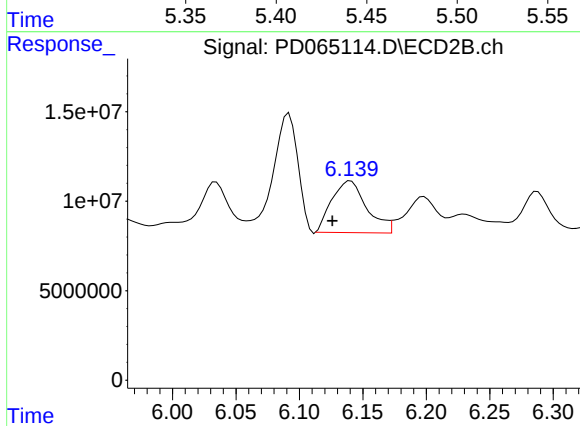
#9 Endosulfan I

R.T.: 6.230 min  
Delta R.T.: -0.020 min  
Response: 23969589  
Conc: 3.40 ng/ml



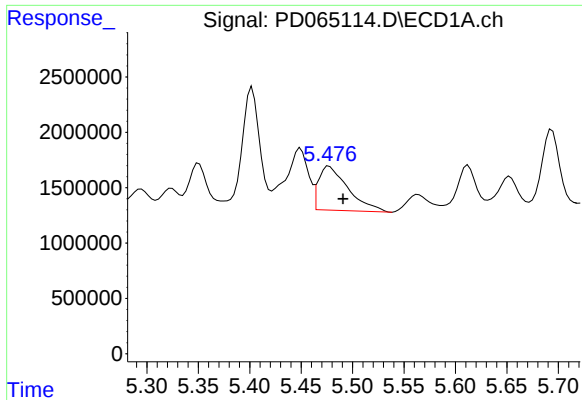
#10 gamma-Chlordane

R.T.: 5.449 min  
Delta R.T.: 0.017 min  
Response: 8418951  
Conc: 7.45 ng/ml



#10 gamma-Chlordane

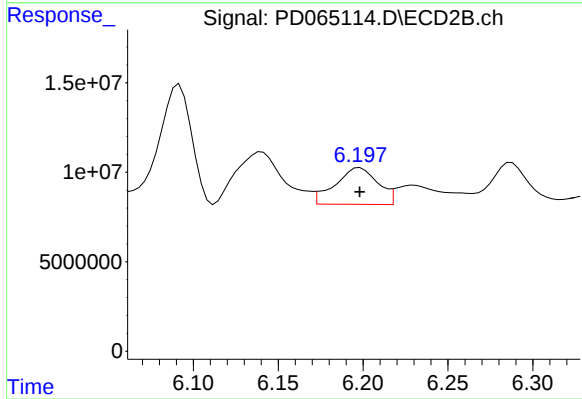
R.T.: 6.140 min  
Delta R.T.: 0.014 min  
Response: 55378124  
Conc: 7.24 ng/ml



#11 alpha-Chlordane

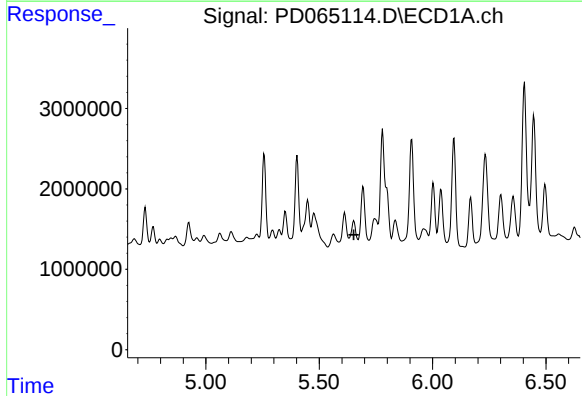
R.T.: 5.477 min  
Delta R.T.: -0.014 min  
Response: 7917314  
Conc: 7.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



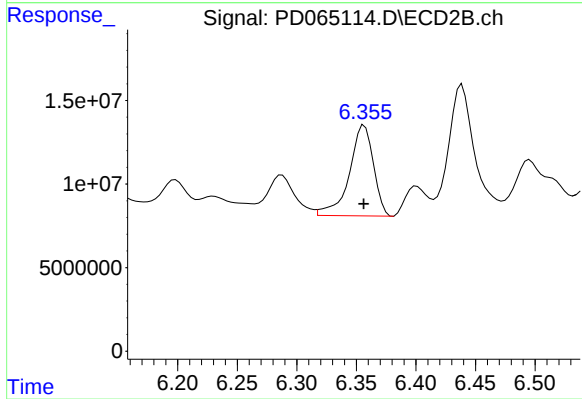
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 35742167  
Conc: 4.80 ng/ml



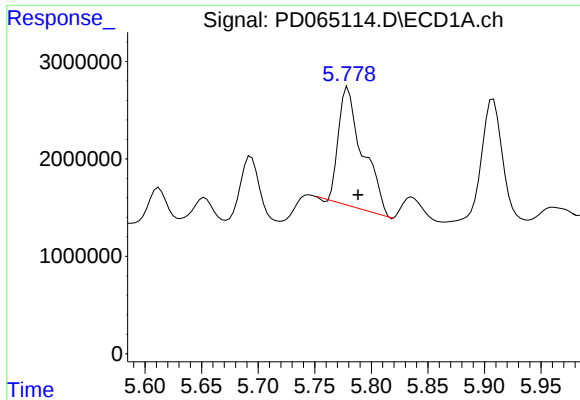
#12 4,4'-DDE

R.T.: 5.653 min  
Delta R.T.: 0.000 min  
Response: -507625  
Conc: N.D.



#12 4,4'-DDE

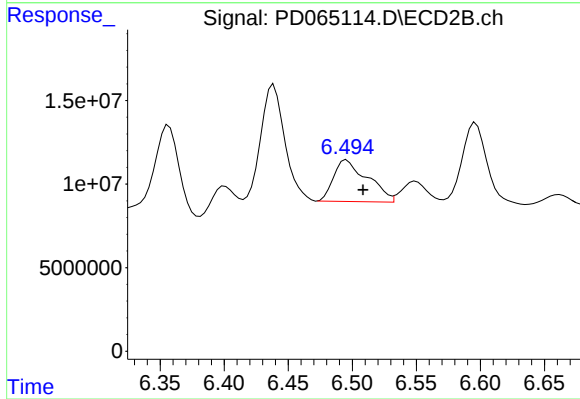
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 76627520  
Conc: 10.67 ng/ml



#13 Dieldrin

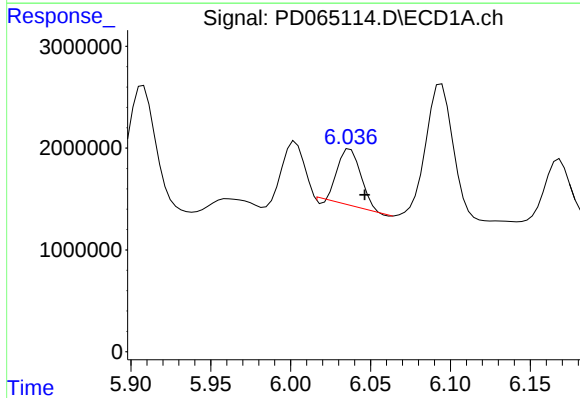
R.T.: 5.779 min  
Delta R.T.: -0.009 min  
Response: 18045685  
Conc: 16.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



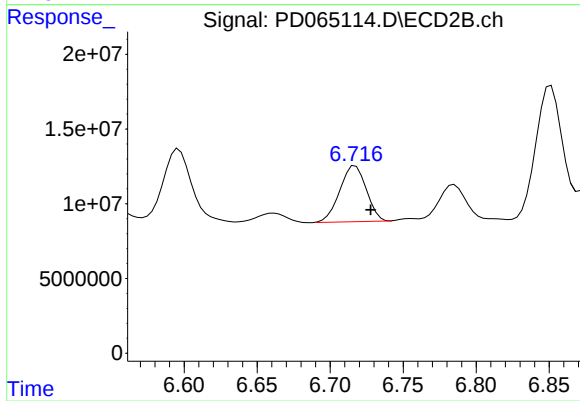
#13 Dieldrin

R.T.: 6.495 min  
Delta R.T.: -0.013 min  
Response: 45931921  
Conc: 6.33 ng/ml



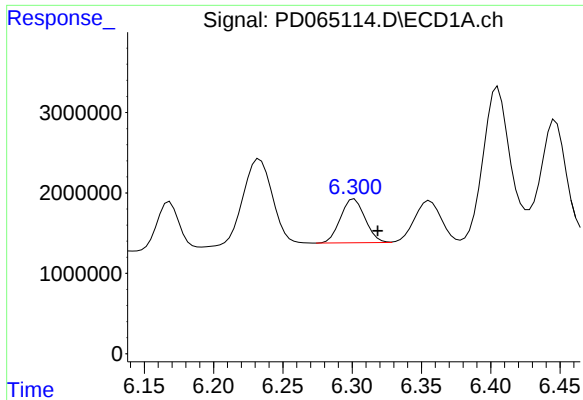
#14 Endrin

R.T.: 6.037 min  
Delta R.T.: -0.009 min  
Response: 5559944  
Conc: 5.30 ng/ml



#14 Endrin

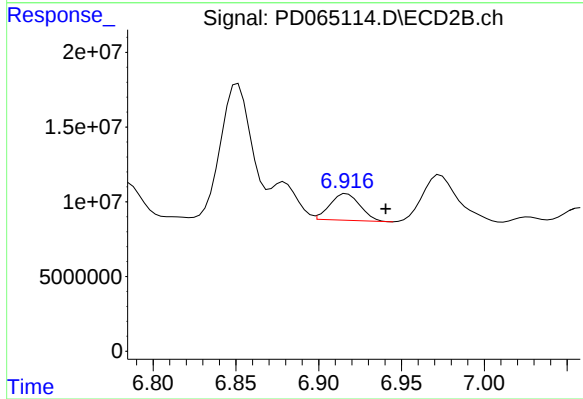
R.T.: 6.717 min  
Delta R.T.: -0.011 min  
Response: 47232526  
Conc: 7.67 ng/ml



#15 Endosulfan II

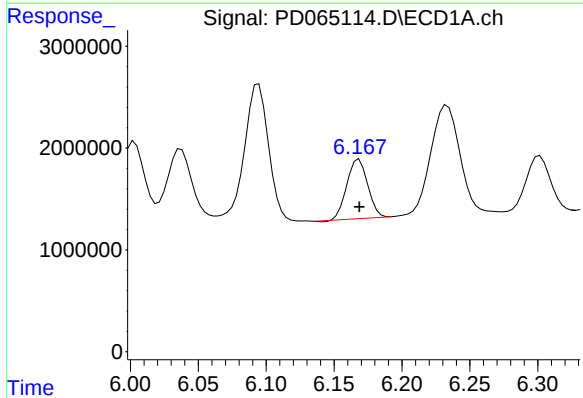
R.T.: 6.302 min  
Delta R.T.: -0.017 min  
Response: 6734557  
Conc: 6.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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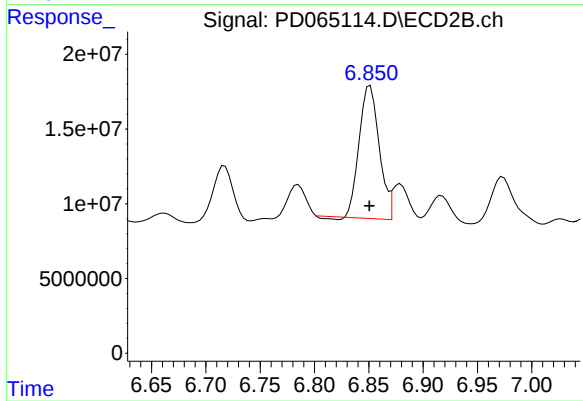
#15 Endosulfan II

R.T.: 6.917 min  
Delta R.T.: -0.024 min  
Response: 22451449  
Conc: 3.83 ng/ml



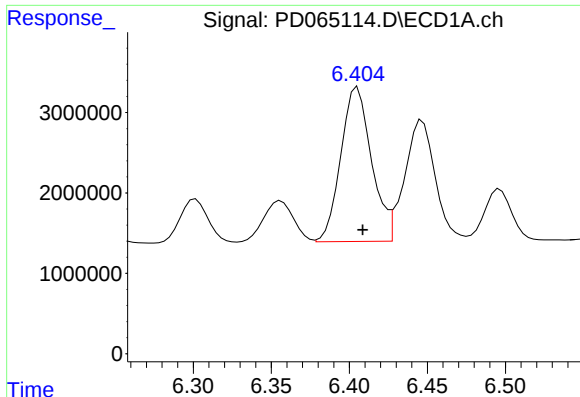
#16 4,4'-DDD

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 6190826  
Conc: 6.55 ng/ml



#16 4,4'-DDD

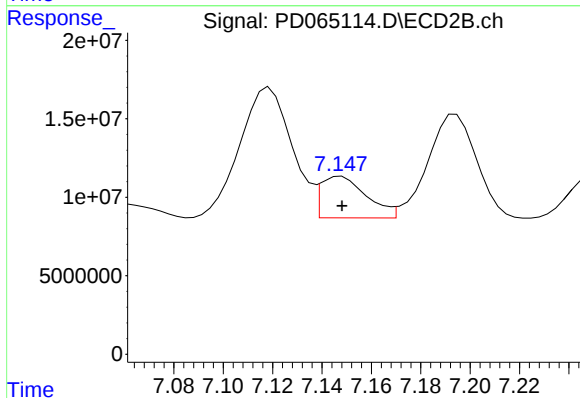
R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 113294639  
Conc: 19.27 ng/ml



#17 4,4'-DDT

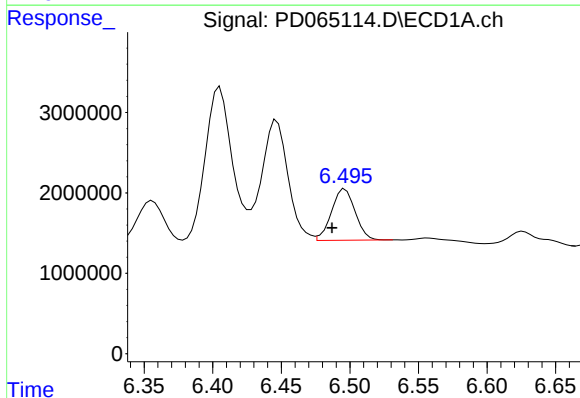
R.T.: 6.405 min  
Delta R.T.: -0.003 min  
Response: 26285884  
Conc: 26.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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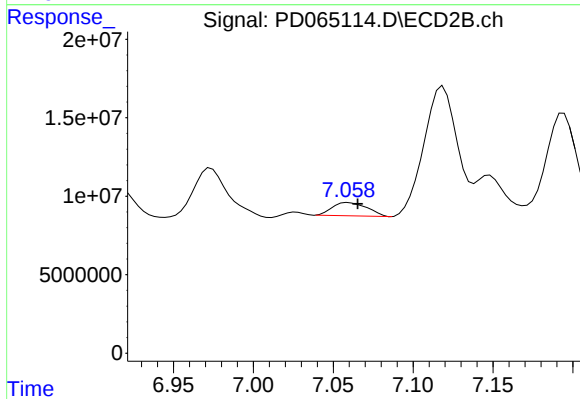
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 33827691  
Conc: 5.64 ng/ml



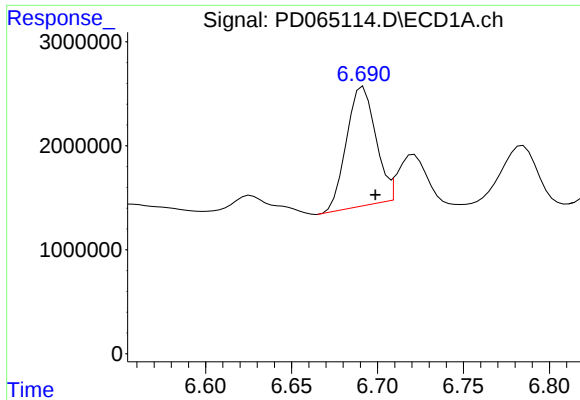
#18 Endrin aldehyde

R.T.: 6.496 min  
Delta R.T.: 0.009 min  
Response: 7617512  
Conc: 9.21 ng/ml



#18 Endrin aldehyde

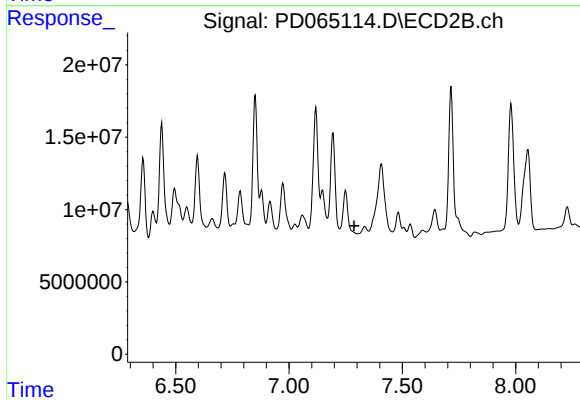
R.T.: 7.059 min  
Delta R.T.: -0.006 min  
Response: 12731121  
Conc: 2.73 ng/ml



#19 Endosulfan Sulfate

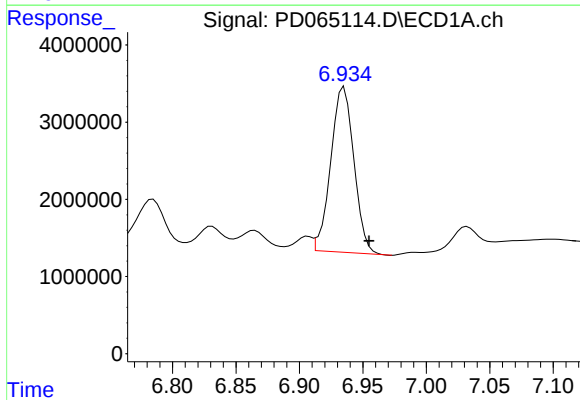
R.T.: 6.692 min  
Delta R.T.: -0.007 min  
Response: 13472521  
Conc: 12.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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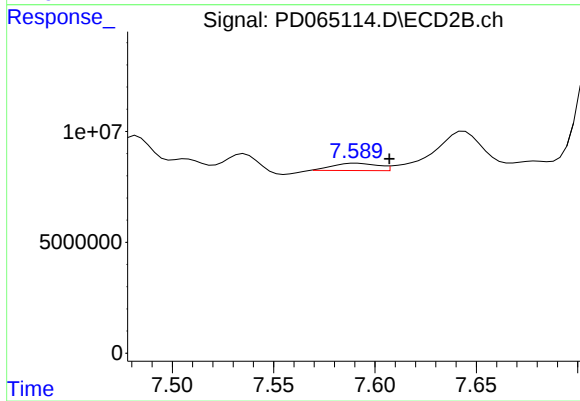
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.287 min  
Response: 0  
Conc: N.D.



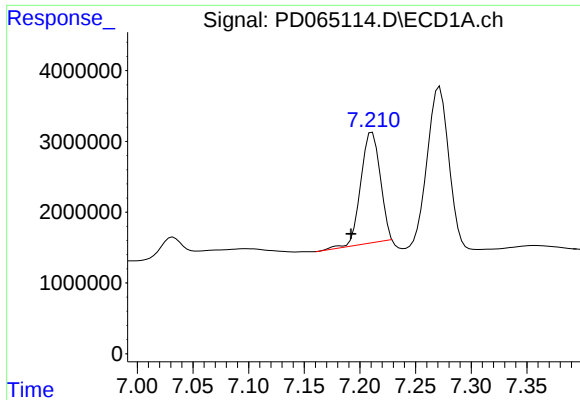
#20 Methoxychlor

R.T.: 6.935 min  
Delta R.T.: -0.020 min  
Response: 27244423  
Conc: 46.22 ng/ml



#20 Methoxychlor

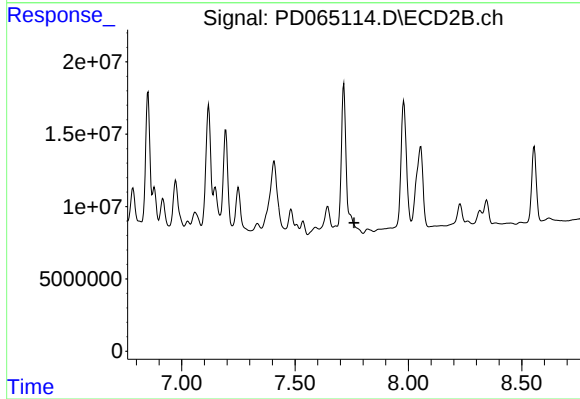
R.T.: 7.591 min  
Delta R.T.: -0.016 min  
Response: 5059567  
Conc: 1.67 ng/ml



#21 Endrin ketone

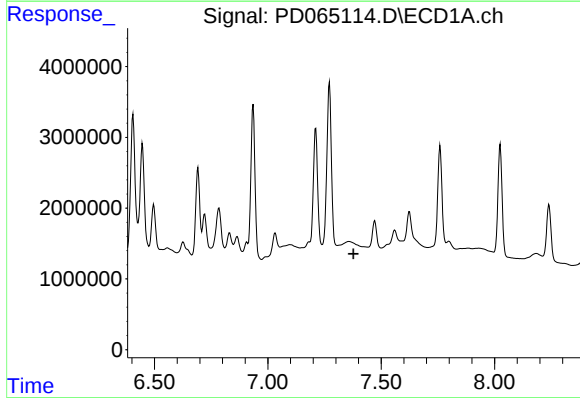
R.T.: 7.211 min  
Delta R.T.: 0.019 min  
Response: 19162157  
Conc: 15.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



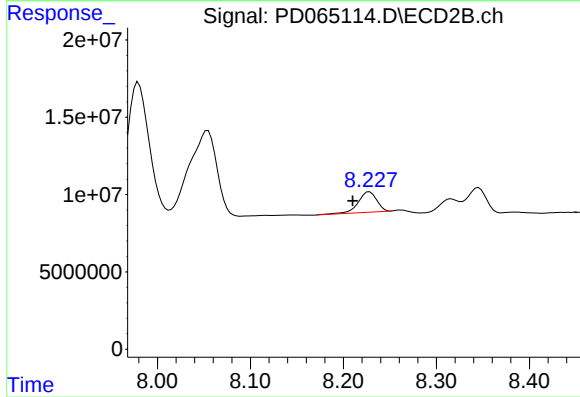
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.761 min  
Response: 0  
Conc: N.D.



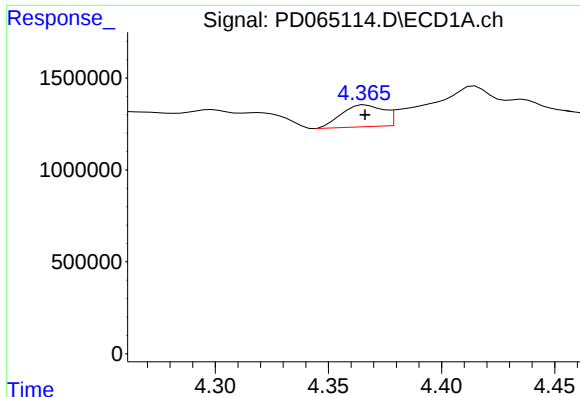
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.378 min  
Response: 0  
Conc: N.D.



#22 Mirex

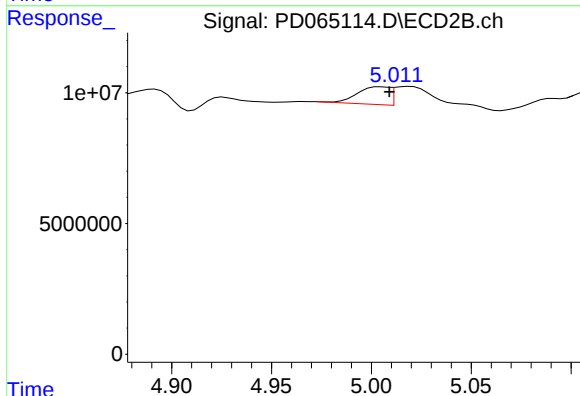
R.T.: 8.228 min  
Delta R.T.: 0.018 min  
Response: 18247685  
Conc: 4.10 ng/ml



#23 Chlordane-1

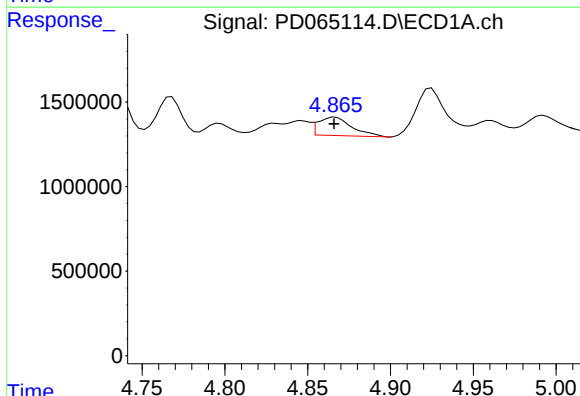
R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 1520825  
Conc: 40.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



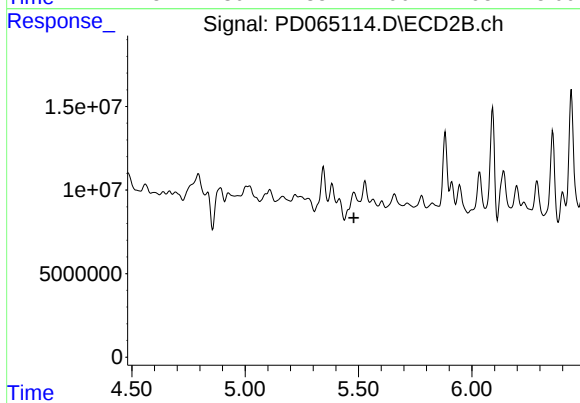
#23 Chlordane-1

R.T.: 5.005 min  
Delta R.T.: -0.004 min  
Response: 7647279  
Conc: 24.69 ng/ml



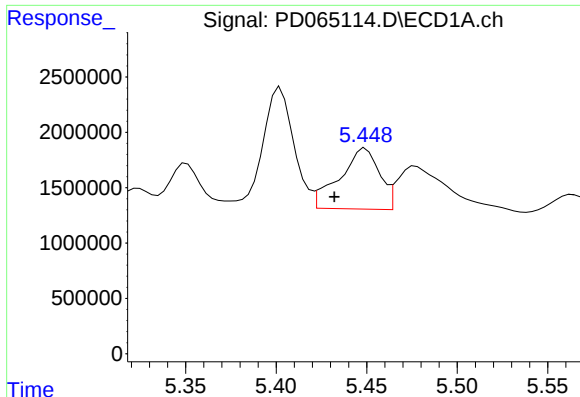
#24 Chlordane-2

R.T.: 4.867 min  
Delta R.T.: 0.000 min  
Response: 1523168  
Conc: 34.90 ng/ml



#24 Chlordane-2

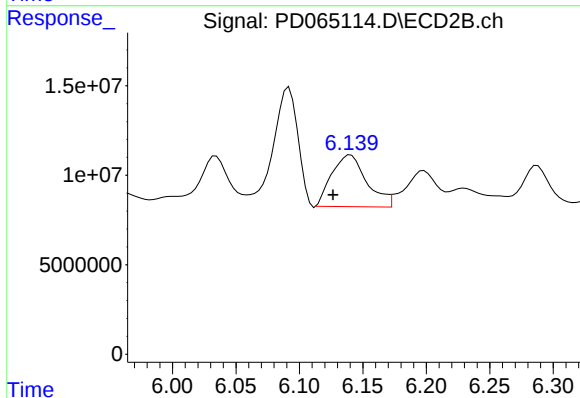
R.T.: 5.480 min  
Delta R.T.: 0.001 min  
Response: -4803117  
Conc: N.D.



#25 Chlordane-3

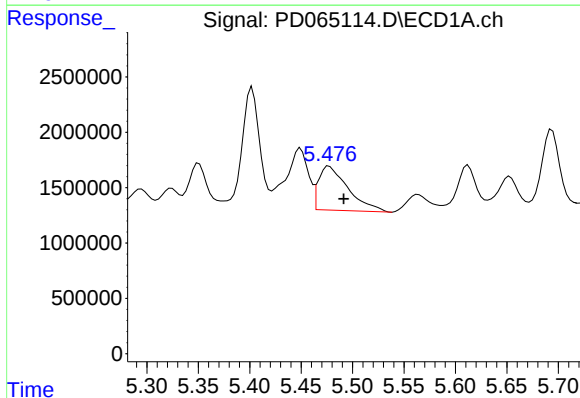
R.T.: 5.449 min  
Delta R.T.: 0.017 min  
Response: 8418951  
Conc: 76.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



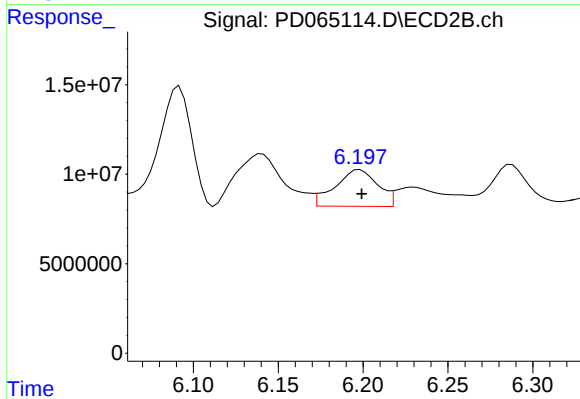
#25 Chlordane-3

R.T.: 6.140 min  
Delta R.T.: 0.014 min  
Response: 55378124  
Conc: 53.56 ng/ml



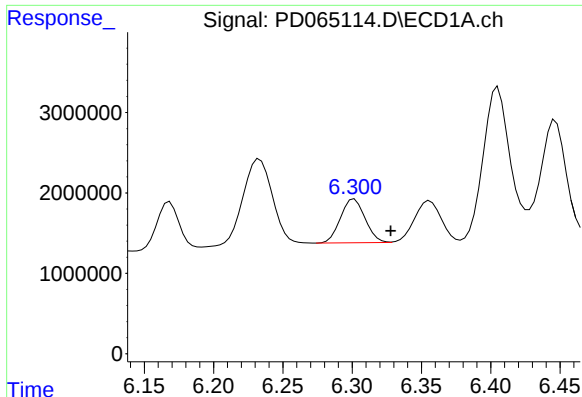
#26 Chlordane-4

R.T.: 5.477 min  
Delta R.T.: -0.014 min  
Response: 7917314  
Conc: 86.24 ng/ml



#26 Chlordane-4

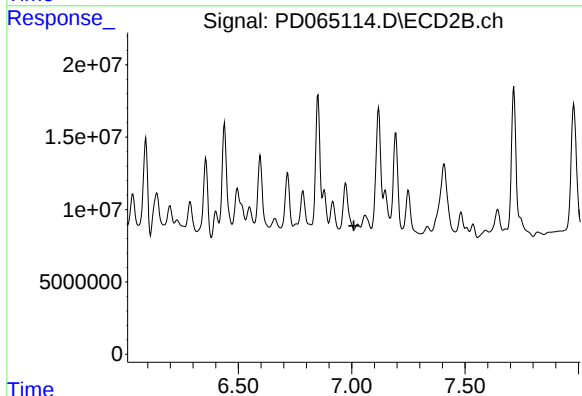
R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 35742167  
Conc: 29.73 ng/ml



#27 Chlordane-5

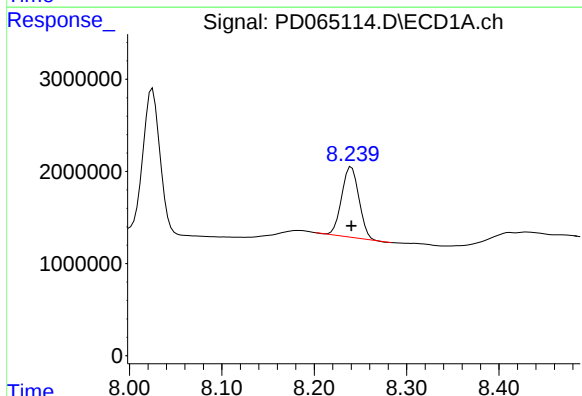
R.T.: 6.302 min  
Delta R.T.: -0.026 min  
Response: 6734557  
Conc: 149.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-17-0306



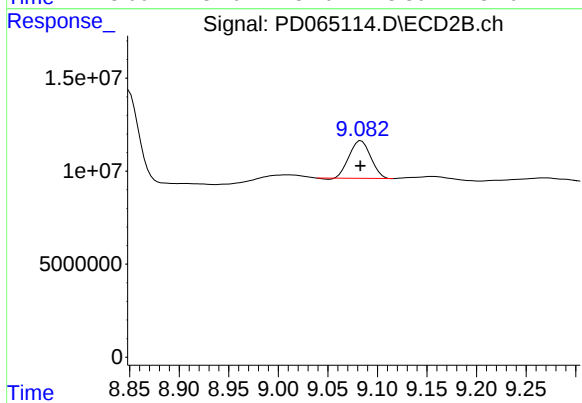
#27 Chlordane-5

R.T.: 7.027 min  
Delta R.T.: 0.017 min  
Response: -7199730  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.240 min  
Delta R.T.: 0.000 min  
Response: 9794753  
Conc: 8.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: 0.000 min  
Response: 30434539  
Conc: 6.43 ng/ml